

## LINNEA-GC2-110

~110° wide beam

### SPECIFICATION:

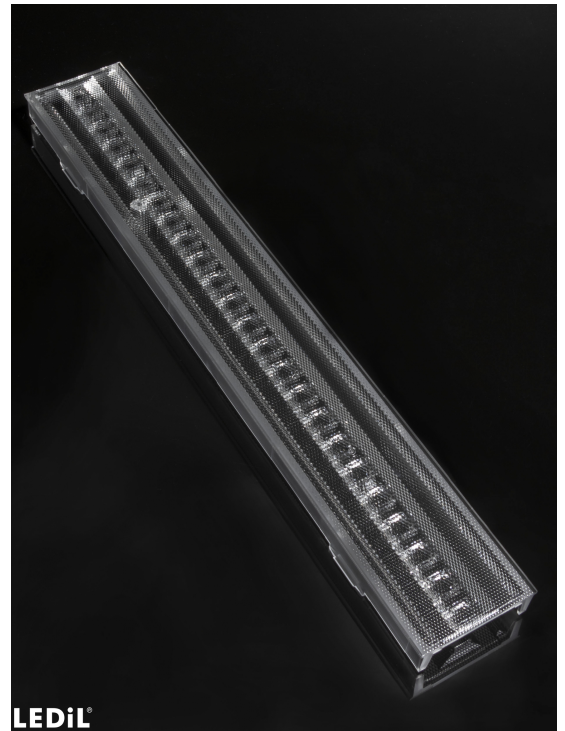
Dimensions	283.6 x 43.0 mm
Height	15.2 mm
Fastening	clips
ROHS compliant	yes ⓘ

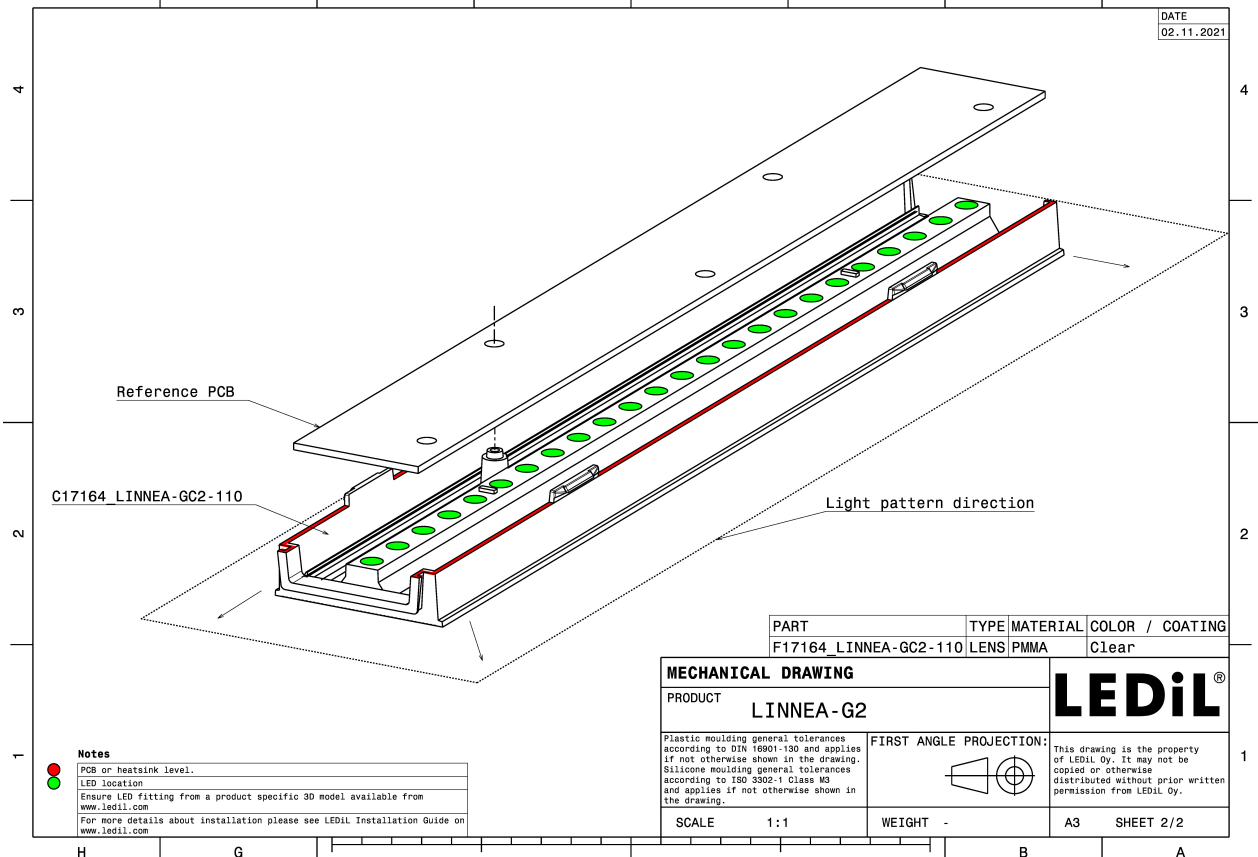
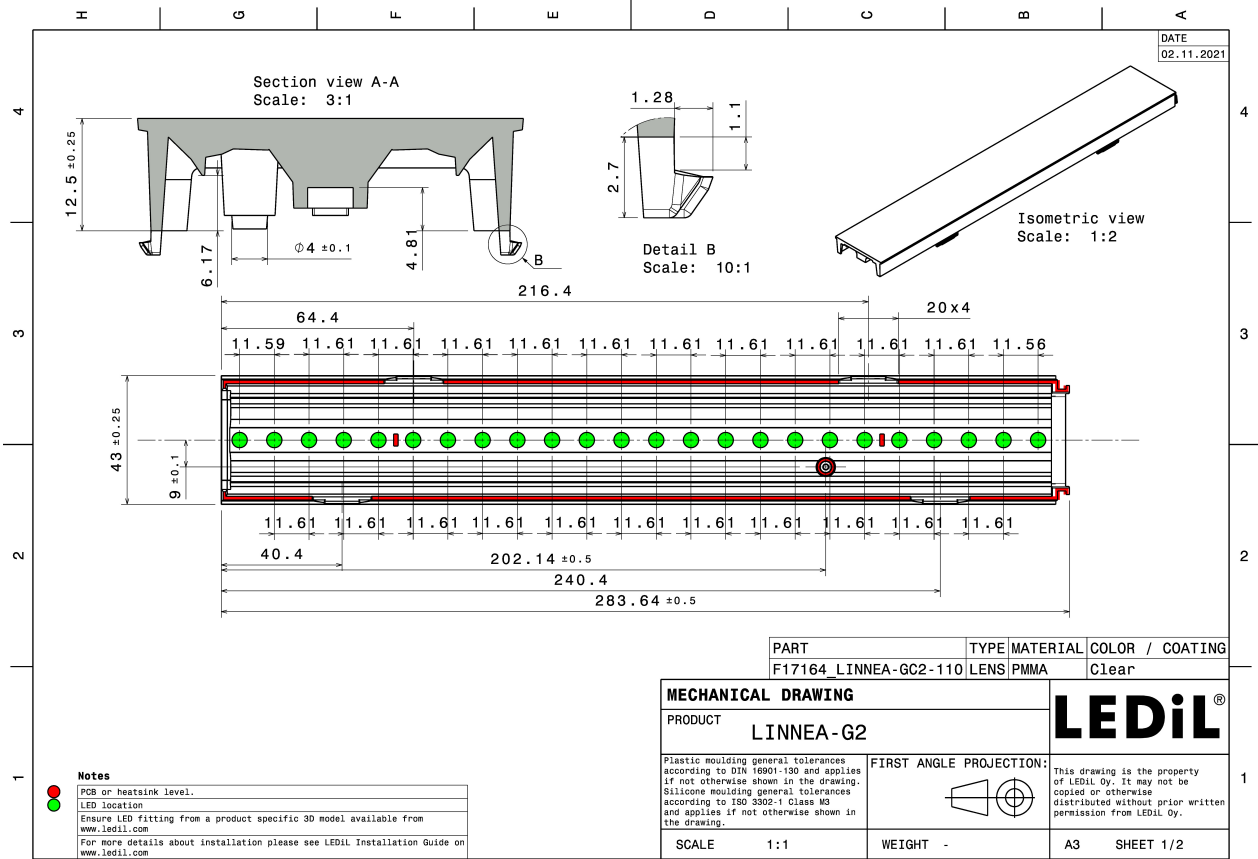
### MATERIALS:

Component	Type	Material	Colour	Finish	Length
LINNEA-GC2-110	Linear lens	PMMA	clear		283.6

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F17164_LINNEA-GC2-110 » Box size: 398 x 298 x 265 mm	120	32	8	9.3



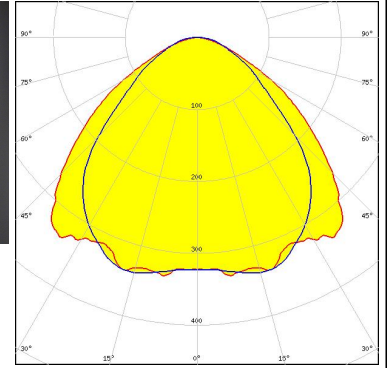
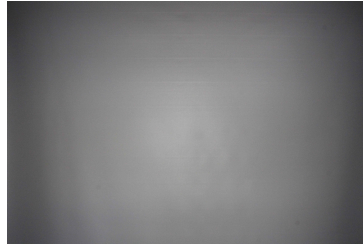


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

#### TRIDONIC

LED LLE 24x280mm 1250lm HV HO ADV1  
FWHM / FWTM 94.0 + 110.0° / 147.0 + 146.0°  
Efficiency 88 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

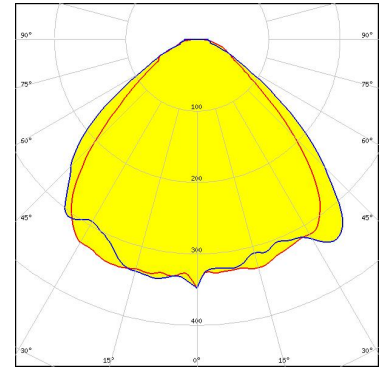


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



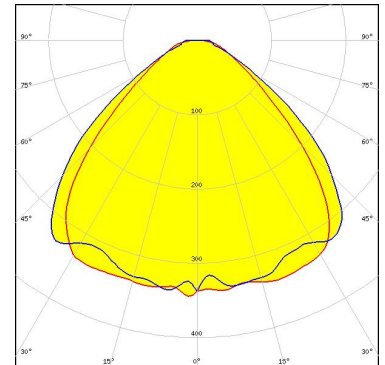
LED Bridgelux SMD 2835  
FWHM / FWTM 94.0 + 104.0° / 145.0 + 141.0°  
Efficiency 85 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



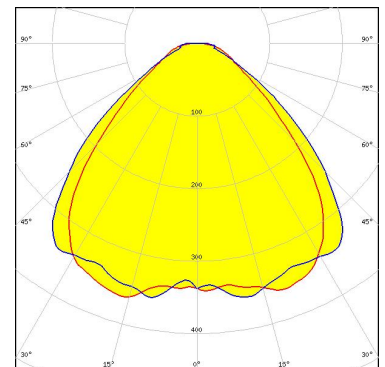
LED CREE J Series 2835  
FWHM / FWTM 94.0 + 105.0° / 147.0 + 142.0°  
Efficiency 87 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED CREE J Series 3030  
FWHM / FWTM 92.0 + 102.0° / 149.0 + 140.0°  
Efficiency 87 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

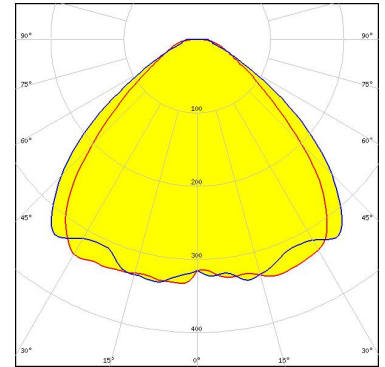


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



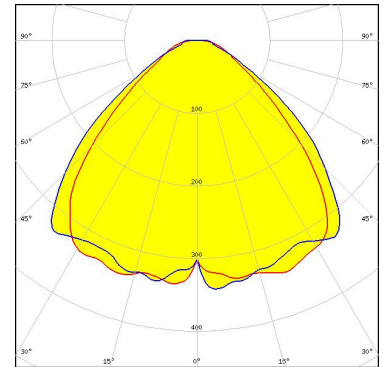
LED LUXEON 2835 Line  
FWHM / FWTM 95.0 + 106.0° / 148.0 + 142.0°  
Efficiency 87 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



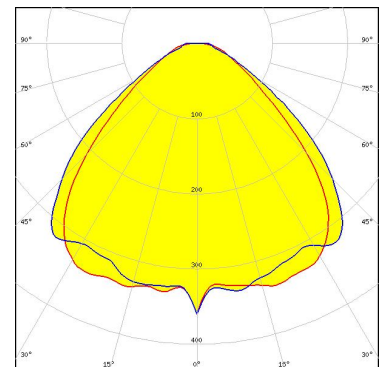
LED LUXEON 3030 HE Plus  
FWHM / FWTM 96.0 + 104.0° / 149.0 + 142.0°  
Efficiency 87 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON 3535L HE PLUS  
FWHM / FWTM 94.0 + 104.0° / 147.0 + 142.0°  
Efficiency 87 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

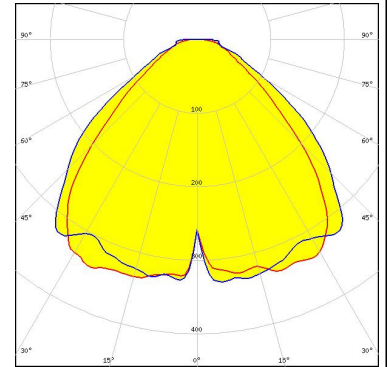


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



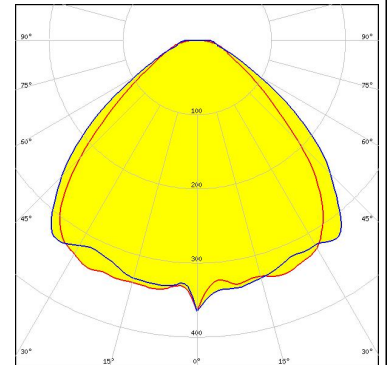
LED NF2W585AR-P8  
FWHM / FWTM 94.0 + 108.0° / 148.0 + 149.0°  
Efficiency 89 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



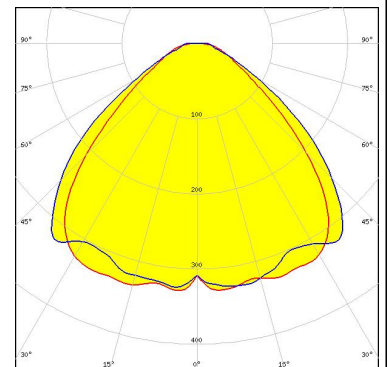
LED NF2W757G-MT (Tunable White)  
FWHM / FWTM 94.0 + 104.0° / 147.0 + 144.0°  
Efficiency 89 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:



Light distribution files



LED NFSW757H  
FWHM / FWTM 96.0 + 106.0° / 149.0 + 144.0°  
Efficiency 87 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

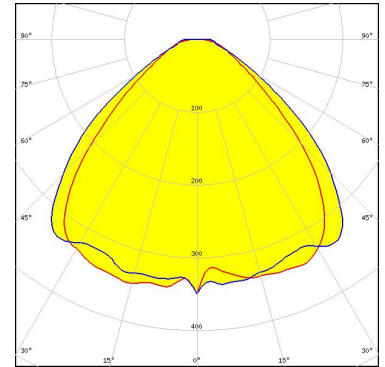


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



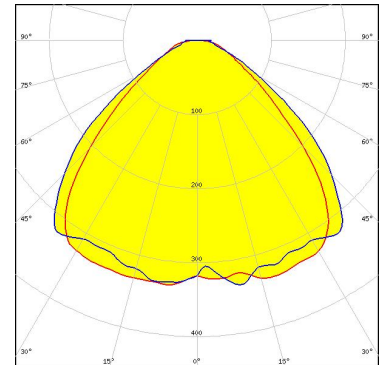
LED NFSx757G  
FWHM / FWTM 95.0 + 105.0° / 148.0 + 144.0°  
Efficiency 89 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



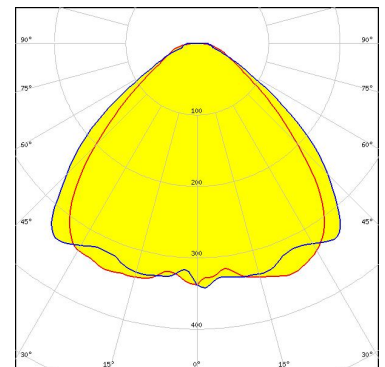
LED Duris E 2835  
FWHM / FWTM 96.0 + 106.0° / 149.0 + 142.0°  
Efficiency 87 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED Duris S5 (2 chip)  
FWHM / FWTM 94.0 + 105.0° / 148.0 + 140.0°  
Efficiency 87 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

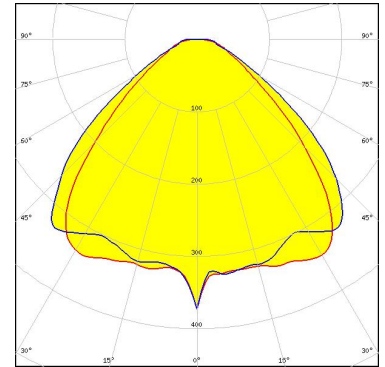


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

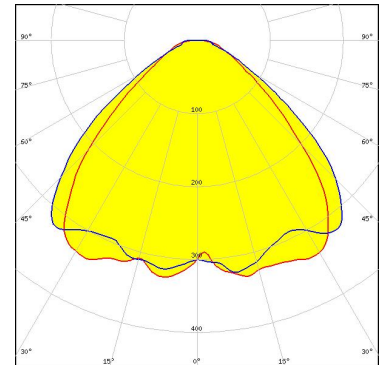
LED OSCONIQ C 2424  
FWHM / FWTM 93.0 + 104.0° / 145.0 + 143.0°  
Efficiency 89 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

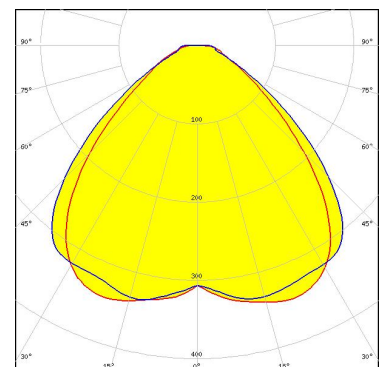
LED SYNIOS S2222  
FWHM / FWTM 96.0 + 108.0° / 147.0 + 142.0°  
Efficiency 87 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SAMSUNG**

LED LM28xB Series  
FWHM / FWTM 94.0 + 102.0° / 144.0 + 140.0°  
Efficiency 85 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



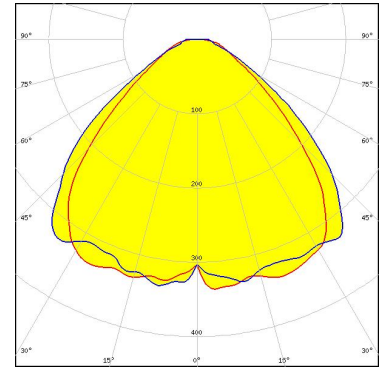
Light distribution files



#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

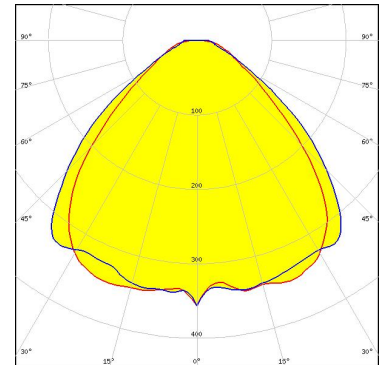
LED LM301B  
FWHM / FWTM 96.0 + 106.0° / 149.0 + 143.0°  
Efficiency 87 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### SAMSUNG

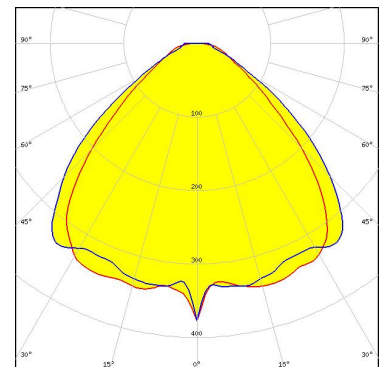
LED LM301D  
FWHM / FWTM 94.0 + 102.0° / 148.0 + 142.0°  
Efficiency 87 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### SAMSUNG

LED LM301Z Plus  
FWHM / FWTM 92.0 + 102.0° / 144.0 + 140.0°  
Efficiency 87 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

### MATERIALS:

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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

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